

**Exhibit 300 (BY2008)**

<b>PART ONE</b>	
<b>OVERVIEW</b>	
<b>1. Date of Submission:</b>	2007-02-05
<b>2. Agency:</b>	009
<b>3. Bureau:</b>	25
<b>4. Investment Name:</b>	NIH OD NIH Business System (NBS)
<b>5. UPI:</b>	009-25-01-01-01-4601-00
<b>6. What kind of investment will this be in FY2008?</b>	
Mixed Life Cycle	
<b>7. What was the first budget year this investment was submitted to OMB?</b>	
FY2001 or earlier	
<b>8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap.</b>	
<p>The NBS Project will replace the NIH administrative and financial core operations systems, including the general ledger, finance, budget, procurement, supply, travel, and property management systems. The NBS project has been approved by the NIH IT Board of Governors and the DHHS IT Investment Review Board as of July 1, 2003 and is a component of the department-wide effort of the DHHS' UFMS. The project supports HHS Strategic Goal 8 Achieve excellence in management practices and PMA initiatives for financial performance and expanded e-government. The NIH began as its pursuit to modernize its financial system as the pilot for the HHS UFMS. While NIH development remains ongoing in parallel with CMS and with DHHS, with the intention of transitioning to UFMS in the future at the appropriate time, the NIH and UFMS are each set on achieving the following strategic objectives: - Eliminate redundant and outdated financial systems by implementing a modern integrated HHS-wide system. - Produce accurate, timely, reliable and relevant financial information to help HHS managers make fact-based operational decisions. - Comply with applicable federal financial management system requirements. - Strengthen internal controls by instituting standard business rules, data requirements, and accounting policies across HHS. - Streamline operational activities to achieve more efficient and cost-effective business performance. - Continue to achieve unqualified audit opinions on annual financial statements. The NIH chose a COTS product; an Oracle financial suite and partnered COTS bolt-ons (GELCO for travel, PRISM for contracts and Sunflower for property management). The partnered bolt-ons are, in essence, extensions to Oracle functionality. Required modifications do not involve customization of source code. Modifications are built as extensions, thus minimizing risk and leveraging Oracle supported functionality. Selection of the ERP solution is in keeping with the OMB commitment to give first priority to purchasing for Federal applications. Both OMB Circulars No. A-127 and A-130 assert this priority. The NBS is a mixed life cycle investment. The NBS deployed the General Ledger and Travel in 2003, will deploy supply and replenishment in February 2007 and acquisitions and property in May 2007.</p>	
<b>9. Did the Agency's Executive/Investment Committee approve this request?</b>	
yes	
<b>9.a. If "yes," what was the date of this approval?</b>	
2006-06-23	
<b>10. Did the Project Manager review this Exhibit?</b>	
yes	
<b>12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project.</b>	
no	
<b>12.a. Will this investment include electronic assets (including computers)?</b>	
yes	
<b>12.b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)</b>	
no	
<b>13. Does this investment support one of the PMA initiatives?</b>	
yes	

If yes, select the initiatives that apply:

Expanded E-Government

Financial Performance

13.a. Briefly describe how this asset directly supports the identified initiative(s)?

Financial Performance: Implementation will leverage data from other agency systems to assure data consistency, minimize duplicate data entry and provide better customer service. Expanded E-Government: Implementation web enables contract procurement, property system and i-procurement for requisitioning giving NIH administrative personnel consistent business processes, integrated business solutions improving employee efficiencies, reduce transaction errors and improve data quality.

14. Does this investment support a program assessed using OMB's Program Assessment Rating Tool (PART)?

no

14.a. If yes, does this investment address a weakness found during the PART review?

no

15. Is this investment for information technology (See section 53 for definition)?

yes

16. What is the level of the IT Project (per CIO Council's PM Guidance)?

Level 3

17. What project management qualifications does the Project Manager have? (per CIO Council's PM Guidance)

(1) Project manager has been validated as qualified for this investment

18. Is this investment identified as high risk on the Q4 - FY 2006 agency high risk report (per OMB's high risk memo)?

yes

19. Is this a financial management system?

yes

19.a. If yes, does this investment address a FFIA compliance area?

yes

19.a.1. If yes, which compliance area:

Financial Statements and reporting

19.b. If yes, please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A11 section 52.

NIH OD NIH Business System (NBS)

20. What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)

<b>Hardware</b>	12
<b>Software</b>	7
<b>Services</b>	73
<b>Other</b>	8

21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?

n/a

22. Contact information of individual responsible for privacy related questions.

Name

Karen Pla

Phone Number

301-402-6201

Title

NIH Privacy Act Officer

Email

plak@mail.nih.gov

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?

yes

**SUMMARY OF SPEND**

1. Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated Government FTE Cost, and should be excluded from the amounts shown for Planning, Full Acquisition, and Operation/Maintenance. The total estimated annual cost of the investment is the sum of costs for Planning, Full Acquisition, and Operation/Maintenance. For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

All amounts represent Budget Authority

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 & Earlier	PY	CY	BY
	-2005	2006	2007	2008
<b>Planning Budgetary Resources</b>	8.100	0.580	0.587	0.588
<b>Acquisition Budgetary Resources</b>	57.730	14.181	14.802	18.852
<b>Maintenance Budgetary Resources</b>	15.021	1.133	1.146	10.688
<b>Government FTE Cost</b>	20.783	7.110	7.274	7.441
<b># of FTEs</b>	75	21	21	21

Note: For the cross-agency investments, this table should include all funding (both managing partner and partner agencies).

Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's?

no

**PERFORMANCE**

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use Table 1 below for reporting performance goals and measures for all non-IT investments and for existing IT investments that were initiated prior to FY 2005. The table can be extended to include measures for years beyond FY 2006.

Table 1

	Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned Performance Metric (Target)	Performance Metric Results (Actual)
1	2004	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence	Number of NBS Help Desk tickets (per module).	First year of operation - no baseline.	N/A until baseline is determined	FY 2004 ticket counts: Travel - 13,873. Budget/Finance-599

		in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."				
2	2004	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."	Percent of total NBS tickets closed by Level 3 personnel	First year of operation - no baseline.	N/A until baseline is determined	Less than 20% of total NBS tickets closed by Level 3 personnel
3	2004	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."	Number of purchase orders approved	First year of operation - no baseline.	N/A until baseline is determined	132,362 Purchase Orders Approved
4	2004	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."	Days to close books	First year of operation - no baseline.	N/A until baseline is determined	6 days
5	2004	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."	Percent of server uptime	First year of operation - no baseline.	N/A until baseline is determined	95% uptime within support window
6	2005	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to	Number of NBS Help Desk tickets (per module).	FY 2004 ticket counts: Travel - 13,873; Budget/Finance-599	Travel - 11,098; Budget/Finance-479, representing a 20% reduction	FY05 Travel - 9,968 tickets representing a 28% reduction in tickets. FY05 Budget/Finance - 258 tickets representing a 57% reduction in tickets.

		"Create a unified HHS committed to functioning as one Department."				
7	2005	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."	Percent of total NBS tickets closed by Level 3 personnel	Less than 20% of total NBS tickets closed by Level 3 personnel	Less than 15% of total NBS tickets closed by Level 3 personnel	FY05 10% of tickets closed by Level 3 personnel
8	2005	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."	Number of purchase orders approved	132,362 Purchase Orders Approved	135,009 Purchase Orders Approved, representing a 2% increase	FY05 3.4% increase to 136,966 purchase orders approved
9	2005	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."	Days to close books	6 days	5 days, representing a 17% improvement	FY04 took approximately 5 days to close. Oracle FY05 took approximately 2 days to close.
10	2005	HHS Strategic Goals and Objectives FY 2003 - 2008, Goal 8: "Achieve excellence in management practices"; Objective 8.1 to "Create a unified HHS committed to functioning as one Department."	Percent of server uptime	95% uptime within support window	96% uptime, representing a 20% improvement	FY05 99.8% NBS component uptime within the support window

All new IT investments initiated for FY 2005 and beyond must use Table 2 and are required to use the FEA Performance Reference Model (PRM). Please use Table 2 and the PRM to identify the performance information pertaining to this major IT investment. Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for at least four different Measurement Areas (for each fiscal year). The PRM is available at [www.egov.gov](http://www.egov.gov).

Table 2

	Fiscal Year	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
1	2006	Processes and Activities	Efficiency	Number of NBS Help Desk tickets (per module).	FY05 Travel - 9,968 tickets. FY05 Budget/Finance - 258 tickets.	Travel - 7.975 tickets. Budget/Finance - 206 tickets, representing a 20% improvement	To date Travel tickets - 6,647 tickets which extrapolates to 8309 representing a 40% reduction in tickets. To date Budget/Finance - 181 tickets which extrapolates to 226 representing a 62% reduction in tickets.
2	2006	Processes and Activities	Productivity	Percent of total NBS tickets closed by Level 3 personnel	FY05 10% of tickets closed by Level 3 personnel	Less than 15% of total NBS tickets closed by Level 3 personnel	To-date FY06 ave 11% of tickets closed by Level 3 personnel
3	2006	Mission and Business Results	Reporting and Information	Number of purchase orders approved	136,966 purchase orders	141,075 purchase orders approved, representing a 3% increase	To-date FY06 114,646 purchase orders approved. This extrapolates to 137,575 for full FY06 representing a 3.9% increase
4	2006	Customer Results	Access	Days to close books	5 days	4 days, representing a 20% improvement	FY 2006 - 4 days estimated
5	2006	Technology	Availability	Percent of server uptime	FY05 99.8% NBS component uptime within the support window	99.8% or higher	To-date FY06 99.7% NBS component uptime within the support window
6	2007	Processes and Activities	Efficiency	Number of NBS Help Desk tickets (per module).	FY 2006 actual results	TBD based on PY results	TBD
7	2007	Processes and Activities	Productivity	Percent of total NBS tickets closed by Level 3 personnel	FY 2006 actual results	TBD based on PY results	TBD
8	2007	Mission and Business Results	Reporting and Information	Number of purchase orders approved	FY 2006 actual results	TBD based on PY results	TBD
9	2007	Customer Results	Access	Days to close books	FY 2006 actual results	TBD based on PY results	TBD

10	2007	Technology	Availability	Percent of server uptime	FY 2006 actual results	99.8% or higher	TBD
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**EA**

*In order to successfully address this area of the business case and capital asset plan you must ensure the investment is included in the agency's EA and Capital Planning and Investment Control (CPIC) process, and is mapped to and supports the FEA. You must also ensure the business case demonstrates the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.*

1. Is this investment included in your agency's target enterprise architecture?

yes

2. Is this investment included in the agency's EA Transition Strategy?

yes

2.a. If yes, provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment.

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3. Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <http://www.whitehouse.gov/omb/egov/>.

*Component: Use existing SRM Components or identify as NEW. A NEW component is one not already identified as a service component in the FEA SRM.*

*Reused Name and UPI: A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.*

*Internal or External Reuse?: Internal reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. External reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.*

*Funding Percentage: Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the funding level transferred to another agency to pay for the service.*

	Agency Component Name	Agency Component Description	Service Type	Component	Reused Component Name	Reused UPI	Internal or External Reuse?	Funding %
1	Customer / Account Management	NBS ticket tracking	Customer Relationship Management	Customer / Account Management			No Reuse	0
2	Call Center Management	With the advent of the NBS Travel Manager system, the NBS established the NBS Management Center (NMC) to support customer needs. The helpdesk uses a customer tracking system to follow issues and their resolution.	Customer Relationship Management	Call Center Management			No Reuse	19
3	Contact and Profile Management	The NBS leverages the NIH Electronic Directory (NED)	Customer Relationship Management	Contact and Profile Management			No Reuse	0

		and Clinical Center customer (patient) files to insure data accuracy and privacy protection. NED and Human Resource updates the NBS on a nightly basis.						
4	Partner Relationship Management	The NBS Deployed NBS Travel Manager to meet the travel requirements of the NIH Scientists and staff in September, 2003 and the General Ledger Module in October, 2003.	Customer Relationship Management	Partner Relationship Management			No Reuse	0
5	Procurement	The NBS track 4 supports NIH procurement activities; supply chain, internal orders, p-card purchases, small and large acquisitions, R&D contracts and agency agreements. The system is integrated with the Sunflower property management system for improved identification of property purchases and all financial modules.	Supply Chain Management	Procurement			No Reuse	47
6	Catalog Management	The NBS will punch out for i-procurement catalog purchases.	Supply Chain Management	Catalog Management			No Reuse	0
7	Ordering / Purchasing	The NBS track 4 supports NIH procurement activities; supply chain, internal orders, p-card purchases, small and large	Supply Chain Management	Ordering / Purchasing			No Reuse	1

		acquisitions, R&D contracts and agency agreements. The system is integrated with the Sunflower property management system for improved identification of property purchases and all financial modules. Inventory and warehouse management is supported with internal order functionality and min/max order capabilities.						
8	Invoice / Requisition Tracking and Approval	The integrated NBS links requisitions and invoicing.	Supply Chain Management	Invoice / Requisition Tracking and Approval			No Reuse	1
9	Storefront / Shopping Cart	Standard Oracle i-procurement is a shopping cart functionality that minimizes the users learning curve and improves the accessibility.	Supply Chain Management	Storefront / Shopping Cart			No Reuse	1
10	Warehouse Management	The NBS/Oracle Warehouse management solution will improve inventory reconciliation procedures thus reducing the time needed for reconciliation.	Supply Chain Management	Warehouse management			No Reuse	0
11	Inventory Management	The NBS/Oracle inventory solution includes improved control of inventory unit price averaging and inventory replenishment order efficiencies. Orders are based on reorder points and economic	Supply Chain Management	Inventory management			No Reuse	0

		order quantities. The NBS solution automates the generation and submission of inventory replenishment orders.						
12	Travel Management	The NIH Clinical Center processes over 40,000 travel transactions a year. Patient traveler's reimbursement can be processed in 24 hours with a guarantee that their privacy is protected.	Human Resources	Travel Management			No Reuse	1
13	Billing and Accounting	A NBS goal is to produce accurate payments through increased system controls and business processes. The integrated NBS functionality should support improved billing and accounting activities. The NBS agency agreement solution will support financial statement preparation by reducing the time required to perform elimination calculations.	Financial Management	Billing and Accounting			No Reuse	1
14	Credit / Charge	The GL_AP_AR integration will improve credit/charge transactions.	Financial Management	Credit / Charge			No Reuse	0
15	Revenue Management	The NBS will be deploying, in Track 4, the first step of revenue management, leveraging the Oracle Project Accounting functionality to	Financial Management	Revenue Management			No Reuse	0

		track reimbursable agreements. The incoming funds are designated as revenue in this module and will be the first step for central services revenue management.						
16	Auditing	The structure of the Oracle COTS product supports integrated transaction flows and embedded transaction audit trails that support JFMIP audit requirements.	Financial Management	Auditing			No Reuse	0
17	Activity-Based Management	The NBS Accounting Classification Structure can support activity based management. The NBS track 5 full deployment of Project Accounting will also support activity based management.	Financial Management	Activity-Based Management			No Reuse	0
18	Online Help	Change management was a critical element to the success of these deployments. The system users have access to the on-line help through the NBS portal. All training materials are published on the web. Change management has initiated for Track 3-4 deployment.	Customer Initiated Assistance	Online Help			No Reuse	0
19	Online Tutorials	Change management was a critical element to the	Customer Initiated Assistance	Online Tutorials			No Reuse	0

		success of these deployments. The system users have access to the on-line tutorials, the NBS helpdesk, and a monthly community forum to address system issues and successes.						
20	Reservations / Registration	A Change Management portal will support training class registrations, proficiency evaluations and help monitor community advocate preparation	Customer Initiated Assistance	Reservations / Registration			No Reuse	0
21	Assistance Request	The NIH has a 3 tiered community support structure. The NMC provides NBS specific tier 3 assistance.	Customer Initiated Assistance	Assistance Request			No Reuse	1
22	Ad-Hoc	The NBS is partnering with the NIH Business Intelligence group and the n-Vision staff to meet the user reporting requirements, evaluating both ad-hoc and standardized reporting requirements.	Reporting	Ad Hoc			No Reuse	0
23	Standardized / Canned	The NBS is partnering with the NIH Business Intelligence group and the n-Vision staff to meet the user reporting requirements. Oracle standard functionality includes standardized	Reporting	Standardized / Canned			No Reuse	0

		reports.						
24	Access Control	User access may only be requested by staff authorized by the Executive Officer.	Security Management	Access Control			No Reuse	0
25	Role / Privilege Management	The NBS Change Management Team defines roles and functions, identifies current system(s) users and authorities, maps "as is" to "to be" activities, identifies gaps, validates role mappings and logs validated results.	Customer Relationship Management	NEW			No Reuse	1
26	Audit Trail Capture and Analysis	The NBS COTS products provide audit trail capture and support analysis.	Security Management	Audit Trail Capture and Analysis			No Reuse	0
27	Encryption	NBS encrypts patient and employee sensitive data.	Customer Relationship Management	NEW			No Reuse	0
28	Personalization	I procurement functionality includes support of user profiles to personalize their desk top functions and reduce repetitive data entry.	Customer Preferences	Personalization			No Reuse	0
29	Process Tracking	Inherent in the Oracle COTS products is process tracking functionality. The NBS using workflow management for approval hierarchies and document forwarding.	Tracking and Workflow	Process Tracking			No Reuse	0
30	Property / Asset Management	The NBS Sunflower Property management solution will improve property management	Asset / Materials Management	Property / Asset Management			No Reuse	1

		based adding new property from the PO interface, and property transfer, property pass, and excess features in the NBS property system .						
31	Asset Cataloging / Identification	The NBS Sunflower Property management solution will improve property identification based on interface of skeletal, property related acquisition record with the NBS property system.	Asset / Materials Management	Asset Cataloging / Identification			No Reuse	1
32	Asset Transfer, Allocation, and Maintenance	The NBS Sunflower Property management solution should improve the users ability to accurately locate and identify property post-receipt.	Asset / Materials Management	Asset Transfer, Allocation, and Maintenance			No Reuse	1
33	Decision Support and Planning	The NBS is teaming with the NIH business intelligence teams to identify and support user reporting requirements for decision support and management planning activities.	Business Intelligence	Decision Support and Planning			No Reuse	0
34	Computers/Automation Management	The NBS is using Oracle's java server pages to create dynamic web content.	Asset / Materials Management	Computers / Automation Management			No Reuse	0
35	NIHNet	NIH provides a centralized network backbone that is	Organizational Management	Network Management	Enterprise Application Integration	001-25-02-00-01-3109-00	Internal	0

		widely leveraged across NIH to support data communications.						
36	NIHLogin	NIH has implemented a shared single sign-on service that can be leveraged across NIH systems.	Security Management	Identification and Authentication	Enterprise Application Integration	001-25-02-00-01-3109-00	Internal	0
37	UFMS	NBS and UFMS are colocated in the same data center on the same E25K Sun hardware frames.	Systems Management	License Management	System Resource Monitoring	009-00-01-01-01-0001-00	Internal	0

4. To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

FEA SRM Component: Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications.

Service Specification: In the Service Specification field, Agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

	SRM Component	Service Area	Service Category	Service Standard	Service Specification (i.e., vendor and product name)
1	Access Control	Service Access and Delivery	Access Channels	Web Browser	Internet Explorer and Netscape Navigator browser
2	Assistance Request	Service Access and Delivery	Access Channels	Wireless / PDA	BlackBerry
3	Decision Support and Planning	Service Access and Delivery	Access Channels	Collaboration / Communications	Oracle workflow
4	Decision Support and Planning	Service Access and Delivery	Access Channels	Other Electronic Channels	Oracle forms
5	Access Control	Service Access and Delivery	Delivery Channels	Intranet	Netegrity Siteminder and Active Directory
6	Access Control	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	Netegrity Siteminder and Active Directory
7	NEW	Service Access and Delivery	Service Requirements	Legislative / Compliance	NBS Security Program (supports ROLE/PRIVILEGE MANAGEMENT component)
8	NEW	Service Access and Delivery	Service Transport	Supporting Network Services	IP, SOAP, SSL (supports ENCRYPTION component)
9	Auditing	Service Access and Delivery	Service Transport	Service Transport	Applimation, AppWorx and Ringmaster
10	Assistance Request	Service Platform and Infrastructure	Support Platforms	Platform Independent	Oracle JInitiator
11	Personalization	Service Platform and Infrastructure	Support Platforms	Platform Dependent	The Oracle, Gelco, Sunflower and Prism COTS software is certified deployed for users on Windows 2000, Windows XP

					and MAC OS X platforms.
12	Storefront / Shopping Cart	Service Platform and Infrastructure	Delivery Servers	Web Servers	Apache and IIS are used within the COTS for iProcurement.
13	Standardized / Canned	Service Platform and Infrastructure	Delivery Servers	Application Servers	Oracle 9iAS
14	Online Tutorials	Service Platform and Infrastructure	Delivery Servers	Portal Servers	Plumtree software
15	Call Center Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Remedy
16	Audit Trail Capture and Analysis	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Applimation Integra Codebase, Mercury Test Director, Remedy, RiskRadar.
17	Decision Support and Planning	Service Platform and Infrastructure	Database / Storage	Database	Oracle and Progress.
18	Auditing	Service Platform and Infrastructure	Database / Storage	Storage	EMC SAN
19	Activity-Based Management	Service Interface and Integration	Interoperability	Data Types / Validation	Oracle AP, PO, AR and federal financials accounting
20	Catalog Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	Oracle iProcurement
21	Ad Hoc	Service Interface and Integration	Interoperability	Data Types / Validation	Data mapping for Oracle standard reports
22	Asset Cataloging / Identification	Service Interface and Integration	Interoperability	Data Format / Classification	Oracle and Progress database indexes, word processing and graphics.
23	Asset Transfer, Allocation, and Maintenance	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise class servers running SunOS 9, HP Tru64 5.1B and Windows 2000.
24	Billing and Accounting	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	Kodak scanners for AP invoicing and label printers
25	Property / Asset Management	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	Loftware barcode printing
26	Credit / Charge	Service Interface and Integration	Interoperability	Data Transformation	Oracle transaction processing
27	Ordering / Purchasing	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	Computers, telephones
28	NEW	Component Framework	Security	Certificates / Digital Signatures	PKI (supports ENCRYPTION component)
29	NEW	Component Framework	Security	Supporting Security Services	MD5 Signing and RC2 Encrypting Certificates from IdenTrust (supports ENCRYPTION component)
30	Online Help	Component Framework	Presentation / Interface	Static Display	HTML

31	Computers / Automation Management	Component Framework	Presentation / Interface	Dynamic Server-Side Display	Java Server Pages (JSP)
32	Reservations / Registration	Component Framework	Data Management	Database Connectivity	Java database connectivity and open database connectivity
33	Procurement	Service Interface and Integration	Interface	Service Description / Interface	Oracle APIs
34	Customer / Account Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Remedy
35	Inventory management	Service Access and Delivery	Access Channels	Other Electronic Channels	Sunflower assets
36	Invoice / Requisition Tracking and Approval	Service Interface and Integration	Interoperability	Data Types / Validation	Oracle AP/AR
37	Partner Relationship Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent	Oracle and Gelco base functionality
38	Process Tracking	Service Access and Delivery	Access Channels	Collaboration / Communications	Oracle Workflow
39	Revenue Management	Service Interface and Integration	Interoperability	Data Types / Validation	Oracle Federal Financials and CE
40	Travel Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent	Gelco Travel Manager
41	Warehouse management	Service Interface and Integration	Interoperability	Data Types / Validation	Oracle WMS
42	Contact and Profile Management	Service Interface and Integration	Interoperability	Data Types / Validation	Oracle HR People Data Conversion Interface
43	Enterprise Application Integration	Component Framework	Security	Supporting Security Services	CA TransactionMinder
44	Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Wide Area Network (WAN)	Wide Area Network (WAN)
45	Network Management	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Local Area Network (LAN)
46	Identification and Authentication	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	CA SiteMinder
47	Identification and Authentication	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	Microsoft Active Directory
48	System Resource Monitoring	Service Access and Delivery	Service Requirements	Hosting	Sun E25K servers

5. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)?

no

6. Does this investment provide the public with access to a government automated information system?

no

## PART TWO

## RISK

*You should perform a risk assessment during the early planning and initial concept phase of the investment's life-cycle, develop a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.*

*Answer the following questions to describe how you are managing investment risks.*

*1. Does the investment have a Risk Management Plan?*

yes

*1.a. If yes, what is the date of the plan?*

2005-05-19

*1.b. Has the Risk Management Plan been significantly changed since last year's submission to OMB?*

no

*3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: (O&M investments do NOT need to answer.)*

The Risk Action Management and Mitigation Plan (RAMMP) for the NIH Business System (NBS) is performed throughout the life cycle of the project and includes risk identification, risk quantification, risk planning and risk management. Each item identified is assigned a cost estimate based on probability, cost impact, schedule impact, technical impact, and other impacts as identified. These cost estimates are incorporated into the project life cycle cost estimates during project planning and were incorporated into the analysis of alternatives for this selected alternative; therefore the project cost is also risk-adjusted in the summary of spending table. New risks are analyzed, prioritized, reported against, and incorporated into the overall project plan to effectively manage the project risk until it can either be mitigated or accepted. This incorporates the risk management activities throughout the NBS project's life cycle. Projects risks are regularly monitored to limit their impact on schedule or cost modification. Risk reviews occur twice a month and are attended by all federal and contractor leads. Items identified are entered and tracked into a commercial product, Risk Radar, as the tool for risk management, mitigation planning and monitoring. This process proactively identifies potential problems and addresses associated solutions when it is easier and less risky to do so, thus preventing project-related issues and risk. It also enables more effective use of resources by facilitating the early identification of potential problems and provides input into management decisions regarding resource allocation.

## COST & SCHEDULE

*Does the earned value management system meet the criteria in ANSI/EIA Standard 748?*

yes

*2.a. What is the Planned Value (PV)?*

115.050

*2.b. What is the Earned Value (EV)?*

115.167

*2.c. What is the actual cost of work performed (AC)?*

109.910

*What costs are included in the reported Cost/Schedule Performance information?*

Contractor and Government

*2.e. As of date:*

2007-01-31

*3. What is the calculated Schedule Performance Index (SPI= EV/PV)?*

1

*4. What is the schedule variance (SV = EV-PV)?*

0.117

*5. What is the calculated Cost Performance Index (CPI = EV/AC)?*

1.05

*6. What is the cost variance (CV = EV-AC)?*

5.257

*7. Is the CV or SV greater than 10%?*

no

*7.d. What is most current Estimate at Completion?*

176.835

*8. Have any significant changes been made to the baseline during the past fiscal year?*

no